

# Map & Photo Legend



SE09-01-02 Looking southwest into Ankau Lagoon.

- |  |                                                  |  |                                   |
|--|--------------------------------------------------|--|-----------------------------------|
|  | Free-oil Containment and Recovery, Shallow Water |  | Shoreside Recovery, Marine Access |
|  | Exclusion Booming                                |  | Marsh                             |
|  | Diversion Booming                                |  | Arctic and Aleutian Terns Nesting |
|  | Protected-water Boom                             |  | Tidal-seal Boom                   |

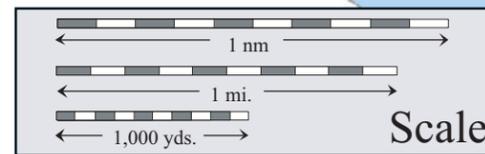
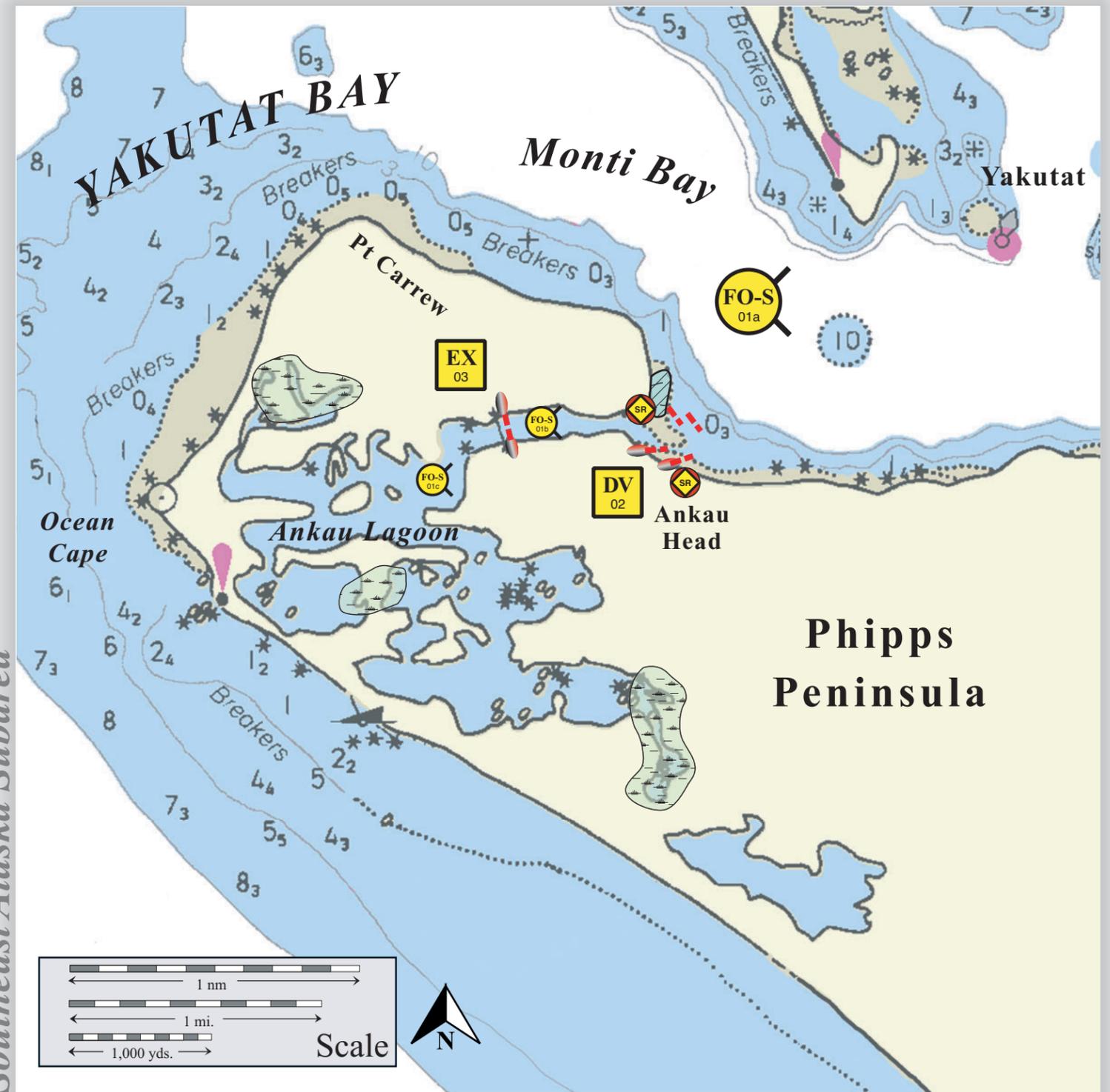


SE09-01-03 Looking east out of the Ankau Lagoon entrance.

# Ankau Lagoon, SE09-01

Center of map at 59° 34.4' N Lat., 139° 44.4' W Lon.

## Geographic Response Strategies for Southeast Alaska Subarea



This is not intended for navigational use.

Soundings in fathoms

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
SE09-01-01	<b>Ankau Lagoon</b> Nearshore waters in the general area of: a. Lat. 59° 32.90 N Lon. 139° 47.51 W b. Lat. 59° 32.74 N Lon. 139° 49.17 W c. Lat. 59° 32.53 N Lon. 139° 49.92 W	<b>Free-oil Recovery- Shallow Water</b> Maximize free-oil recovery in the offshore & nearshore environment of Ankau Lagoon.	Deploy free-oil recovery strike teams near Ankau Lagoon.  Use aerial surveillance to locate incoming slicks.	Multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Yakutat harbor	Via marine waters  Chart 16761-1	Same as SE09-01-02	Vessel masters should have local knowledge
SE09-01-02	<b>Ankau Lagoon</b> Lat. 59° 32.64 N Lon. 139° 48.36 W	<b>Divert and Recover</b> Divert oil to shoreside recovery points determined by spill source and course.	Transport equipment by vessel (class 3/4).  Deploy anchors and boom with fishing vessels and skiffs(class 6).  Place protected-water boom in 2 arrays of four 200 ft. boom strings deployed as indicated on chart on the north shore to divert oil to recovery site on beach. Place 2 arrays on south shore as indicated to recovery point.  Set up recovery unit and tend throughout the tide.	<b>Deployment</b> <b>Equipment</b> 1200 ft. protected-water boom 2 sections ≥50 ft. tidal-seal boom 12 ea. anchor systems (~20 lbs.) 8 ea. anchor systems (~40 lbs.) 2 ea. shoreside recovery units. <b>Vessels</b> 2 ea. class 3/4 2 ea. class 3/4 <b>Personnel/Shift</b> 10 ea. vessel crew 3 ea. response techs. <b>Tending</b> <b>Vessels</b> 1 ea. class 3/4 1 ea. class 6 <b>Personnel/Shift</b> 5 ea. vessel crew 2 ea. response techs.	Yakutat harbor  Vessel platform	Via marine waters  Chart 16761-1	Marine mammals-harbor seals Fish-intertidal salmon/trout spawning (coho, sockeye, steelhead, Dolly Varden, cutthroat), herring spawning Birds-waterfowl and shorebird concentration, Arctic & Aleutian tern colony (~200) Habitat-kelp beds, sheltered rocky shores, salt chuck, marsh Human use-high recreational use, commercial fishing herring and salmon, subsistence use fish and invertebrates	Take appropriate measures as outlined in Part 2 of this document to protect the beach at the recovery site.  Title 41 permit may be necessary. Contact ADNR. FOSC Historic Properties Specialist should INSPECT site prior to operations.  See Figure G-3-18 for equipment locations.  Recovery of recovered oil must be by vessel.  Tested: 7/11/02 SEAPRO  Surveyed: 7/11/02 SEAPRO, ADEC, TLR
SE09-01-03	<b>Ankau Lagoon</b> Lat. 59° 34.0 N Lon. 139° 46.7 W	<b>Exclusion</b> Exclude oil from entering Ankau Lagoon.	Use class 3/4 vessels with deck space to transport equipment.  Place 600 ft. of protected-water boom, with tidal-seal on each end, across the entrance to Ankau Lagoon to exclude oil.  Tend throughout the tide.	<b>Deployment</b> <b>Equipment</b> 600 ft. protected-water boom 2 sections ≥50 ft. tidal-seal boom 6 ea. anchor systems (~40 lbs.) 4 ea. anchor stakes <b>Vessels/Personnel/Shift</b> Same as SE09-01-02 <b>Tending</b> <b>Vessels/Personnel/Shift</b> Same as SE09-01-02	Yakutat harbor  Vessel platform	Via marine waters  Chart 16761-1	Same as SE09-01-02	Vessel masters should have local knowledge  Tested: 7/11/02 SEAPRO  Surveyed: 7/11/02 SEAPRO, ADEC, TLR